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Cybercrime and Cloud Forensics: Applications for Investigation Processes

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Cybercrime and Cloud Forensics Applications for Investigation Processes



Keyun Ruan

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Keyun Ruan (University College Dublin, Ireland)

While cloud computing continues to transform developments in information technology services, these advancements have contributed to a rise in cyber attacks; producing an urgent need to extend the applications of investigation processes.

Cybercrime and Cloud Forensics: Applications for Investigation Processes presents a collection of research and case studies of applications for investigation processes in cloud computing environments. This reference source brings together the perspectives of cloud customers, security architects, and law enforcement agencies in the developing area of cloud forensics.

Topics Covered:

- Cloud Adoption
- Cloud Forensics
- Cybercrime
- Digital Forensics
- Public Cloud
- Security Architecture
- Software as a Service

Market: This premier publication is essential for all academic and research library reference collections. It is a crucial tool for academicians, researchers, and practitioners and is ideal for classroom use.

Keyun Ruan worked as a PhD researcher at Center of Cybersecurity and Cybercrime Investigation (University College Dublin) and Cyber Security Research Lab (EADS) on cloud forensics. She was among the first in the world to work on this emerging area. Keyun has given talks around the world in both academic and industry conferences including CloudEXPO Europe and Silicon Valley, Cloud Futures held at Microsoft Research Headquarters, Cloud Security Alliance Congress, RSAConference Europe, Campus Party Europe, the ADFSL Conference on Digital Forensics Security and Law, the International Conference on Digital Forensics and Cyber Crime, the IFIP International Conference on Digital Forensics, etc. Keyun is now Chairperson and CRO of New York based XENSIX Inc, research scientist at University College Dublin, and research partner at EADS. She is an active member of the Cloud Security Alliance, member of the board of Cloud Security Alliance Ireland, and is leading the Cloud Security Alliance Incident Management and Forensics Working Group. She is an active contributor to the NIST Cloud Computing Program, and a Technical Lead of the NIST Cloud Forensics Working Group. She is also a semi-professional artist and holds a diploma in Art and Design from the National College of Art and Design, Ireland.

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